

LDWBF 12.3.54
04/01/05

Puget Sound Clean Air Agency
110 Union Street, Suite 500
Seattle, WA 98101-2038

Routing Record

To	Initials	Date
1. Supervisor	MAP	4/12/05
2. Linda/Valerie	LV	5-4-05
3. FLA	FLA	4/5
4.		
5.		
6. Central Files		

Evaluation Report

Reg #: 11872
AFS #:
Status: Active



Personal Protective Equipment Checklist

Determined by Inspector based on
Compliance Manual Policy 101

Worn	Safety Equipment	Req/Op
<input type="checkbox"/>	None	
<input type="checkbox"/>	Hard Hat	R
<input type="checkbox"/>	Goggles	
<input type="checkbox"/>	Safety Glasses	R
<input type="checkbox"/>	Hearing Protection	
<input type="checkbox"/>	Respirator	
<input type="checkbox"/>	Safety Shoes	
<input type="checkbox"/>	Rubber Boots	
<input type="checkbox"/>	Leather Gloves	
<input type="checkbox"/>	Chemical Gloves	
<input type="checkbox"/>	Coveralls	
<input type="checkbox"/>	Tyvek	
<input type="checkbox"/>	Safety Vest	R
<input type="checkbox"/>	Other	

Inspector EMG Engineer FLA

Last Onsite Compliance 02/22/2005

Fred please sign inactive NOCs

Facility: Glacier Northwest Inc W Marginal

Physical Address: 5900 W Marginal Wy SW
Seattle

98106

Invoice Address:

PO Box 1730
Seattle

WA 98111

Contacted

☐ Doug Twiford, Plant Supt

Phone

(206) 764-3075

Fax

E-mail

☐ Ed Ownes, VP- Staff

(206) 764-3000

☐ Steve Penswick, Assistant Manager

(206)

☐ Tom Hanson, Environmental Manager

(206) 764-3075

THanson@GlacierNW.com

☐

☐

NAICS: 423320 - Brick, Stone, and Related Construction Material Merchant Wholesalers

Evaluation Date:

Clean Air Reps:

Evaluation Type:

☐ Onsite Compliance

☐ Onsite Observation

☒ Follow-up

Evaluation Summary:

Follow-up to 2/22/05 inspection updated NOC History
and modified equipment list

Updates: ☐ AOD

☒ Equipment

☒ NOC

☐ Operating Status

☐ Owner/Name

☐ Other

Attachments:

Pg. 4

NOV/WW # Issued:

Other Action:

Evaluation Prepared by:

M

Date:

4/1/05

Onsite Compliance Evaluations (Last 3)**Eval Date Inspector Inspector Notes**

02/22/2005 EMG FLA CSR - no violations. Reminder to establish pressure drop range. NC 9079.
 11/26/2002 EMG Update Equip List. Change NAICS code.
 11/06/2002 EMG CSR-no violations.Update equip list.

NOV/WW

Offsite Report Evaluations (Last 18 Months) - None

Onsite Complaint Evaluations (Last 3)**Eval Date Inspector Inspector Case#**

10/17/2002 EMG 2002501028 Dust/Fallout
 05/09/1997 MM 97500614 Dust/Fallout

NOV/WW

Violation History (Last 2 Years) - None

Open AOD Conditions - None

Notices of Construction / Notifications Evaluation Pending**Inactive? NOC / Notice #****FLA initials**☒ HA 1909 Clinker Milling *remove*☒ HA 2169 Cement Unload W 5-B/H,nc1909 *remove*☒ HA 7938 Soil vapor extraction system *remove***Approved Evaluated**05/24/1979 2/22/0510/02/1980 2/22/0512/03/1999 2/22/05**Conditions**

3. Pentachlorophenol and chlorinated organic compound emissions shall be limited to less than 25 pounds during any consecutive 12-month period. To demonstrate compliance with this limit, IT Corporation shall perform a source test within 7 days of start-up of the system. The test shall characterize pentachlorophenol and chlorinated organic emissions from the exhaust stack in accordance with EPA Methods TO-10 and TO-14. If pentachlorophenol or chlorinated organic compounds are measured at detectable levels, IT Corporation shall calculate estimated annual emissions using results of the source test (flow rate and concentration measured). A source test plan shall be submitted to the Puget Sound Clean Air Agency 20 days prior to the test, and the source test shall be conducted in accordance with Regulation I, Section 3.07. Results of this test and associated emission calculations shall be submitted to the Puget Sound Clean Air Agency within 30 days of completion of the test.

Description

In-situ Ozone Injection and Soil Vapor Extraction System including a Rotron EN 454 Blower.

☒ 8124 **Portable Concrete Batch Plant** *remove*03/22/2000 2/22/05**Conditions**

3. Glacier Northwest Inc shall not exceed 0.02 gr/dscf from the Fabric Filter Air Sys 121-10 baghouse as measured by a compliance source test that follows the requirements of Regulation I, Section 3.07.
 4. Glacier Northwest Inc shall determine the acceptable Fabric Filter Air Sys 121-10 baghouse pressure drop while the equipment is operating normally and record the current values in the facility's Operations and Maintenance Plan.
 5. Glacier Northwest Inc shall monitor the Fabric Filter Air Sys 121-10 baghouse for visible emissions, evidence of fugitive dust and fallout at least once each week while operating. If visible emissions, fugitive dust or fallout are found, Glacier Northwest Inc shall, within 24 hours, make corrections until no visible emissions, fugitive dust or fallout occur, or shut down the equipment venting to the baghouse as specified in its Operation and Maintenance Plan. Glacier Northwest Inc shall document these actions, maintain these records on-site for at least two years, and make these records available to Puget Sound Clean Air Agency personnel upon request.

Description

One Ross Bandit Portable Concrete Batch Plant rated at 300 cy/hr including Bulk Conveyors, Storage Bin, two Storage Silos, Batching, Outside Bulk Storage and Loading/Unloading with emissions controlled by a Fabric Filter Air Sys 121-10 Baghouse rated at 8,000 cfm.

Notices of Construction / Notifications**Inactive? NOC / Notice #****FLA initials**☐ 3518 Cement Unloading-Ship To Termi**Approved Evaluated**

06/04/1990 06/28/1990

Description

Notices of Construction / Notifications

Inactive? NOC / Notice #
FLA initials

Approved Evaluated

One Dockside DS-G400E 400MTPH Ship-unloader with four transfer vessels for cement and a Cyclonaire Filter at 5505 cfm.

☐ **9079 Loading/unloading equipment** 12/16/2004 02/22/2005
Conditions

3. Glacier Northwest Inc. shall allow no visible emissions or fallout from the operation of the baghouse. If emissions are observed Glacier Northwest Inc. shall immediately investigate the cause and initiate repairs or use corrective actions.
4. Glacier Northwest Inc. shall not allow baghouse emissions to exceed 0.02 gr/dscf as measured by a compliance source test following the requirements of Regulation I, Section 3.07.
5. Glacier Northwest Inc. shall, within 30 days after startup, determine the pressure drop range across the baghouse during normal operations, and record the maximum and minimum pressure drop readings in the facility's Operations and Maintenance Plan as required by Puget Sound Clean Air Regulation I, Section 5.05, and this pressure drop range shall be made visible for equipment inspections.
6. Glacier Northwest Inc. shall inspect equipment at least once per week during operations. Inspections shall include recording the presence or absence of visible emissions or fallout, and that the pressure drop across the baghouse is within the established range of Condition No. 5.
7. If visible emissions, fallout, or abnormal pressure drop are observed, Glacier Northwest Inc. shall investigate the cause and within 24 hours of the observation, initiate and record corrective actions.
8. Glacier Northwest Inc. shall maintain records for at least two years and make these records available to Puget Sound Clean Air Agency personnel upon request.

Description

Two New Filter Technology Baghouses Models BV-730 and BVHL-250 exhausting 3,500 cfm and 1,000 cfm respectively to control existing loading/unloading equipment.

Air Contaminant Generating Equipment, Associated Control Equipment

Inactive?

- | | | | | |
|--------------------------|-----|--|----------------------|----------------|
| <input type="checkbox"/> | (1) | Storage Bin/Silo System
12 Cement Silos
Rated: 48130 Ton | Year Installed: 1967 | NC/NOT #: |
| | | <input type="checkbox"/> CE (1) Baghouse (2)
Cement Silos Automatic reverse air
Rated: 14000 CFM | Year Installed: 1967 | NC/NOT #: |
| <input type="checkbox"/> | (2) | Loading/Unloading
Cement Railcar Loading
Rated: 2400 Ton | Year Installed: 1967 | NC/NOT #: |
| | | <input type="checkbox"/> CE (2) Baghouse
Railcar Loading Automatic reverse air
Rated: 8000 CFM | Year Installed: 1967 | NC/NOT #: |
| <input type="checkbox"/> | (3) | Loading/Unloading
Truck Loading - Cement W/Displacement Air Retrieval
Rated: 400 Ton | Year Installed: 1967 | NC/NOT #: |
| | | <input type="checkbox"/> CE (3) Baghouse
Truck Loading Reverse air
Rated: 13000 CFM | Year Installed: 1967 | NC/NOT #: |
| <input type="checkbox"/> | (4) | Loading/Unloading
Ship Unloading Dockside Ds-G400e
Rated: 440 Ton/Hr | Year Installed: 1991 | NC/NOT #: 3518 |
| | | <input type="checkbox"/> CE (4) Baghouse
Auto Pulse Cyclonaire Cement Dust
Rated: 5505 CFM | Year Installed: 1991 | NC/NOT #: 3518 |
| <input type="checkbox"/> | (5) | Bagger
Rated: 4000 Lb | Year Installed: | NC/NOT #: |
| | | <input type="checkbox"/> CE (3) Baghouse
Truck Loading Reverse air
Rated: 13000 CFM | Year Installed: 1967 | NC/NOT #: |
| <input type="checkbox"/> | (6) | Soil Venting System
Ozone Injection & Soil Vapor Extraction Sys
Rated: 0 | Year Installed: 1999 | NC/NOT #: 7938 |

*This item does not require a Notice of Construction.

Other Control Equipment**Inactive?**

- ☐ (5) Baghouse
Model BV-730
Rated: 3500 CFM

Year Installed: 2004 NC/NOT #: 9079

- ☐ (6) Baghouse
Model BVHL-250
Rated: 1000 CFM

Year Installed: 2004 NC/NOT #: 9079

* This item does not require a Notice of Construction.

Emission Summary - None for 2002 or 2003